

CLAIMS

What is claimed is:

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1. A segmented keyboard adapted to provide user inputting of data, said segmented keyboard comprising:

a compliment of input keys comprising a segmented keyboard;

a central keyboard section;

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a first flippable keyboard portion hinged to said central keyboard section and having an open and a closed position;

a second flippable portion hinged to said central keyboard section and having an open and a closed position;

15 an attachable numeric input pad, adapted to be optionally coupled with a flippable hinged portion of -said segmented keyboard;

a first rotatable hinge coupled with said central keyboard section;

a second rotatable hinge coupled with said first rotatable hinge; and

an electrical connector coupled to said second rotatable hinge.

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2. The segmented keyboard of Claim 1 wherein said electrical connector is adapted to couple said segmented keyboard with a portable computer system.

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3. The segmented keyboard of Claim 1 wherein when said first flippable portion and said second flippable portion are in said open position a compliment of input keys are accessible to a user for said inputting of data.

4. The segmented keyboard of Claim 1 wherein when said first flippable portion and said second portion are in said closed position, said segmented keyboard is of a size and shape approximate to the size and shape of a portable computer system.

5. The segmented keyboard of Claim 1 wherein said first rotatable hinge is adapted to provide angular positioning of said segmented keyboard.

6. The segmented keyboard of Claim 1 wherein said second rotatable hinge adapted to provide angular positioning of a portable computer system, when said portable computer system is coupled to said segmented keyboard.

7. The segmented keyboard of Claim 5 wherein said angular positioning of said segmented keyboard provided by said first rotatable hinge enables optimum ergonomic positioning of said segmented keyboard relative to an individual user.

8. The segmented keyboard of Claim 6 wherein said angular positioning of said portable computer system provided by said second rotatable hinge enables optimum view angle positioning of the display panel of said portable computer system relative to an individual user.

9. The segmented keyboard of Claim 1 wherein the hinges of said first rotatable hinge and said second rotatable hinge are clutch hinges, said clutch hinges are adapted to maintain an optimum ergonomic positioning of said segmented keyboard and to maintain an optimum view angle positioning of a display panel of a portable computer system with regard to an individual user.

10. A computer system having a portable computer and a segmented keyboard, said segmented keyboard coupled with said portable computer, said segmented keyboard for providing user inputted data for said portable computer,
5 said segmented keyboard comprising:

a compliment of input keys comprising a segmented keyboard;

a central keyboard portion;

a first flippable portion hinged to said central keyboard portion and having an open and closed position;

10 a second flippable portion hinged to said central keyboard portion and having an open and closed position;

an attachable numeric input pad, adapted to be optionally coupled with a flippable hinged portion of said segmented keyboard;

a first rotatable hinge coupled with said segmented keyboard;

15 a second rotatable hinge coupled with said first rotatable hinge; and

an electrical connector coupled to said second rotatable hinge.

11. The computer system of Claim 10 wherein said electrical connector is adapted to couple said segmented keyboard with said portable computer.

20 12. The computer system of Claim 10 wherein said compliment of input keys are accessible to a user for said inputting of data provided said first flippable hinged portion and said second flippable hinged portion of said segmented keyboard are in said open position.

25 13. The computer system of Claim 10 wherein said segmented keyboard is of a size and shape approximate to the size and shape of said

portable computer when said first flippable hinged portion and said second flippable hinged portion of said segmented keyboard are in said closed position.

14. The computer system of Claim 10 wherein said first rotatable hinge
5 is adapted to provide angular positioning of said segmented keyboard.

15. The computer system of Claim 10 wherein said second rotatable hinge is adapted to provide angular positioning of said portable computer, provided said portable computer is coupled with said segmented keyboard.

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16. The computer system of Claim 14 wherein said angular positioning of said segmented keyboard provided by said first rotatable hinge enables optimum ergonomic positioning of said segmented keyboard relative to an individual user.

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17. The computer system of Claim 15 wherein said angular positioning of said portable computer provided by said first rotatable hinge enables optimum view angle positioning of the display panel of said portable computer relative to an individual user.

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18. The computer system of Claim 10 wherein said hinges of said first rotatable hinge and said second rotatable hinge are clutch hinges, said clutch hinges for maintaining an optimum ergonomic position of said segmented keyboard and maintaining an optimum view angle positioning of a display panel
25 of a portable computer relative to an individual user.

19. In a portable computer system coupled with a segmented keyboard, said segmented keyboard having a first rotatable hinge and a second rotatable hinge coupled with said first rotatable hinge, a method of optimizing the positioning of said segmented keyboard and said portable computer system
5 relative to an individual user, said method comprising the steps of:

positioning said segmented keyboard via said first rotatable hinge such that an optimum ergonomic position is obtained relative to an individual user; and
positioning said portable computer system via said second rotatable hinge such that an optimum view angle position is obtained relative to an individual
10 user.

20. The method as recited in Claim 19 wherein said hinges of said first rotatable hinge and said second rotatable hinge are clutch hinges, such that said clutch hinges maintain said optimum ergonomic position of said segmented
15 keyboard and said optimum view angle positioning of said portable computer system relative said individual user.